



App. No. 10/671,081

3-26-04  
Janani Janakiraman

2671  
AUS920030585US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Janani Janakiraman, *et al.*

Serial No.: 10/671,081

Filed:

Title: "Translating Emotion to Braille,  
Emoticons and Other Special Symbols"

: Group Art Unit:2671

: Intellectual Property Law Department  
: International Business Machines Corp.  
: 11400 Burnet Road  
: Internal Zip 4054  
: Austin, Texas 78758

Date: \_\_\_\_\_

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, D. C. 20231

Sir:

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the patentability of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

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In accordance with 37 CFR 1.97(g) the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56 (a) exists. The attached form, Modified PTO-1449, provides a listing of patents, publications, or other information as required by 37 CFR 1.98 (a)(1). A copy of each of the items on PTO-1449 is supplied herewith

Respectfully submitted,

Robert H. Frantz  
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In Place of FORM PTO-1449 (Modified)

Serial No. 10/671, 081

**SUPPLEMENTAL**

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

Applicant: Janani Janakiraman  
Filing Date: 09/25/2003  
Group: 2671  
Atty. Docket No. AUS920030585US1

Reference Designation		U. S. PATENT DOCUMENTS				Filing Date if
Examiner	Document					
<u>Initial</u>	<u>Number</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Appropriate</u>
	BA 6,590,604	07/08/2003	Tucker, et al	348	14.13	

		FOREIGN PATENT DOCUMENTS				Translation	
Examiner	Document					Yes	No
<u>Initial</u>	<u>Number</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>Subclass</u>		
	BB WO 02/39371	A2 5/16/2002	Netherland	G06K	9/00		
	BC WO 02/099784	A1 12/12/2002	Netherland	G10L	13/02		
	BD WO 02/42909	A1 05/30/2002	Netherland	G06F	9/44		

		OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
Examiner					
<u>Initial</u>					
	BE	"Interpretations" DataFace, Psychology, Appearance and Behavior of the Human Face			
	BF	"Comprehensive Database for Facial Expression Analysis," Takeo Kanade, J Jeffrey F. Cohn, and Yingli Tian			
	BG	"Bimodal Expression of Emotion by Face and Voice", by Jeffrey F. Cohn and Gary S. Katz.			
	BH	"Recognizing Action Units for Facial Expression Analysis", by Yingli Tian, Intelligence, Vol. 23, No. 2, February 2001.			

Examiner: \_\_\_\_\_ Date Considered: \_\_\_\_\_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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